

# SQUARE POST BASE

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## Short Description

Heavy-duty Square Post Base designed for secure anchoring and support of square posts in concrete and structural applications. Provides stability, alignment, and load distribution for fencing, railing, and structural frameworks.

## Product Overview

The Square Post Base is a fabricated steel component consisting of a base plate with anchor holes and a welded square socket. It is designed to hold square posts firmly in place while allowing easy installation onto concrete or structural surfaces. Engineered for durability and high load-bearing performance.

## Quick Specifications

### Material Options

- Carbon Steel
- Mild Steel
- Stainless Steel (AISI 304 / 316)
- Other grades on request

### Surface Finish Options

- Zinc Plated
- Hot-Dip Galvanised
- Powder Coated
- Plain / Self Colour
- Custom coating available

### Size Range

Available for various post sizes (e.g., 40x40, 50x50, 75x75, 100x100 mm).  
Custom sizes available as per drawings.

### Standards

Manufactured as per industry standards or customer-approved drawings.  
Compliance documentation available upon request.

### Customisation Availability

- Custom dimensions
- Thickness variation
- Hole configuration
- Special coatings
- Private-label packaging

## Technical Specification Sheet

### Product Description

Base plate with square socket designed for anchoring square posts to concrete or steel structures.

### Components

- Base Plate
- Square Socket (Post Holder)
- Anchor Holes

### Manufacturing Process

- Cutting & bending
- Precision welding
- Surface finishing & coating

### Material Grades

- Mild Steel
- Carbon Steel
- Stainless Steel

### Surface Finishes

- Zinc Plated
- Hot-Dip Galvanised
- Powder Coated
- Custom finishes available

### Dimensional Control

Manufactured within defined tolerances as per drawings or applicable standards.

### Testing & Inspection

- Dimensional inspection
- Visual inspection
- Weld integrity check
- Coating thickness test

### Typical Applications

- Fence post installation
- Railing systems
- Structural supports
- Industrial frameworks
- Outdoor installations

### Installation Note

Fix the base plate to concrete using anchor fasteners. Insert the square post into the socket and secure as required. Ensure proper alignment and load distribution.

## Export & Packaging

- Loose cartons
- Bulk packaging
- Palletised loads
- Custom branding available

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